

LUMISCOPE

Blood Pressure Monitor

Instruction Manual

Model Number 1092

ID #06/00

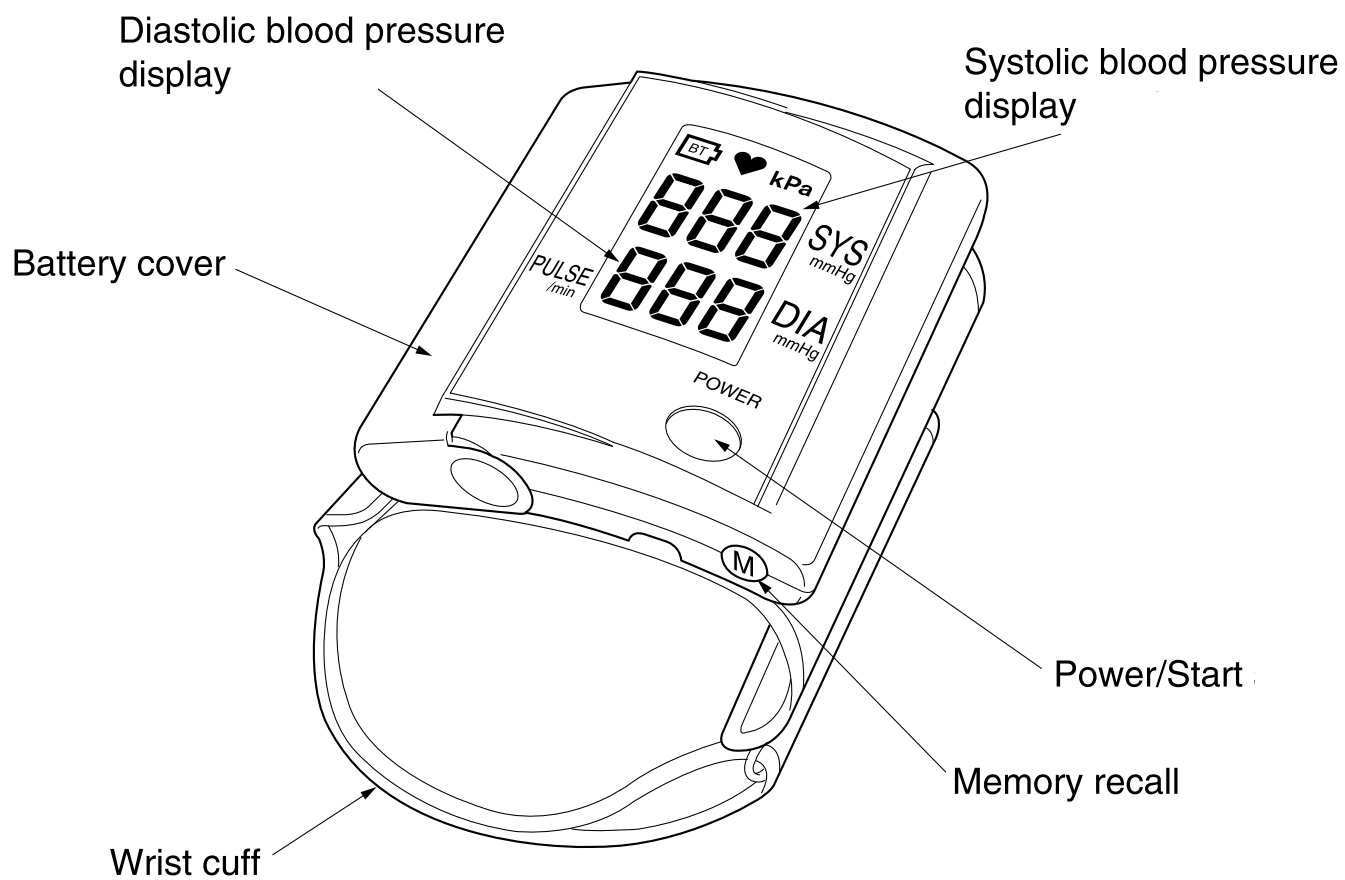
Requires 2 “AAA” Alkaline Batteries

2
YEAR LIMITED WARRANTY

TABLE OF CONTENTS

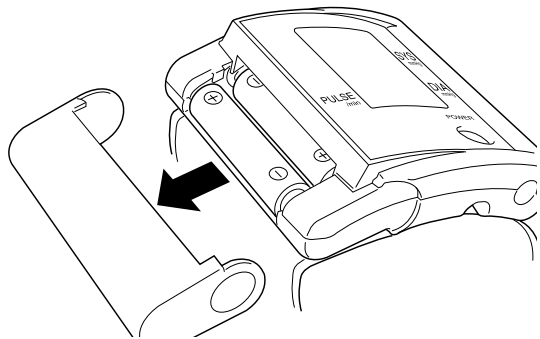
Identification of Parts	3
Battery Installation/Replacement	4
Attaching the Wrist Cuff and Posture During Measurement	4
Measurement	5
Subsequent Measurement	6
Automatic Power-off Function	6
Memory Recall	7
Memory Clear Function	7
Description of Display Marks	8
Specifications	9
Warranty	10

Identification of Parts



Battery Installation/Replacement

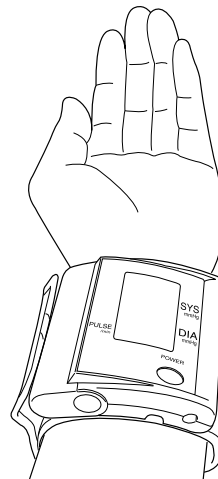
- To use the unit, you must install batteries.
- Open battery cover as illustrated.
Install or replace two new batteries, making sure the polarities (+ and -) on the battery match the polarities on the case.
- Replace battery cover.
- If the Low Battery indicator "BT" appears on the display, both batteries must be replaced.
- "AAA" alkaline batteries or equivalent are suitable for this blood pressure meter.



Attaching the Wrist Cuff and Posture During Measurement

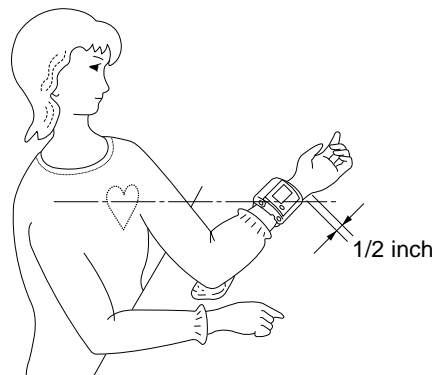
- The blood pressure is measured at the wrist. Therefore, rolling up the sleeve is no longer necessary.
- Wrap the wrist cuff around your left wrist with the display panel on the inside of the wrist.
- Pull the wrist cuff to fit wrist size and fasten velcro.

Wrist circumference: 5.4-7.8 in.



Rest left elbow on a table so that the cuff is at heart level. Relax the lower arm across the table and remain still.

Perform measurements in either a seated or reclining posture with the left palm turned upward.



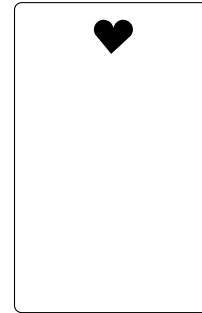
Measurement

NOTE: Unit measures on inflation.

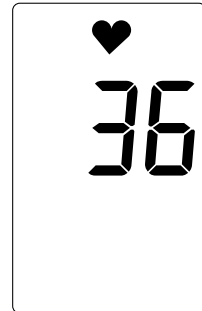
- To start the measurement
Press the "Power/Start" switch.



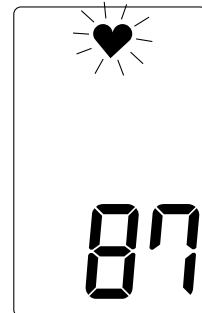
- The heart symbol will flash and the buzzer will sound for 1 second. When the unit completes the preparations for measurement, the buzzer will sound three more times.
If batteries are weak, "♥" mark will not appear.



- Pressurization and measuring begin.



- When a pulse is detected, the pressure value moves to the lower side of the display. At this time the "♥" mark flashes and buzzer beeps.

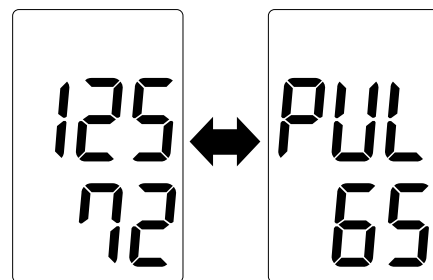


- Once the blood-pressure measurement has stabilized, pressurization is discontinued and the air in the cuff is automatically let out.
- The buzzer sounds for about 2 seconds, and the high and low blood pressure are respectively dis-



played one above the other.

- Unless an error is generated, the measurement results are automatically stored in memory (Up to 7 sets of results can be stored). When there are already 7 sets of results in memory, the oldest one is automatically erased and overwritten with the newest.



- Blood pressure values and pulse rate are alternately displayed. The unit will continue to display the measurement until power is turned off.

- Turn Power off

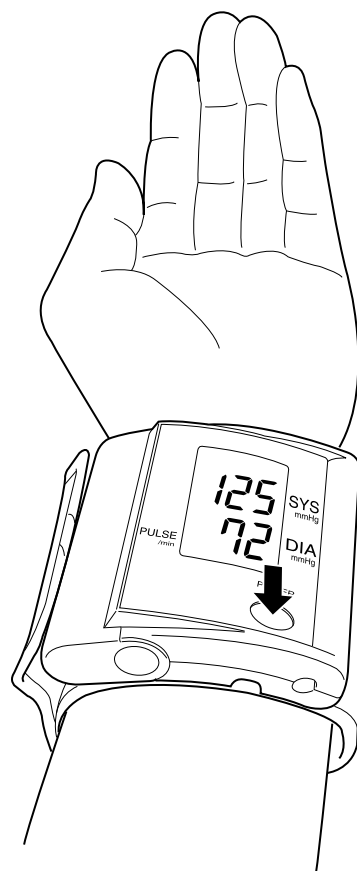
Press the "Power/Start" switch to turn off.

NOTE:

To discontinue a measurement for any reason, press the "Power/Start" switch. This causes the "wrist cuff" to rapidly deflate.

Subsequent Measurement

When a measurement needs to be made again, the time between 2 measurements must be at least 10 minutes.

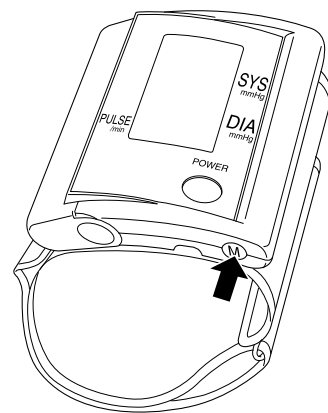


Automatic Power OFF Function

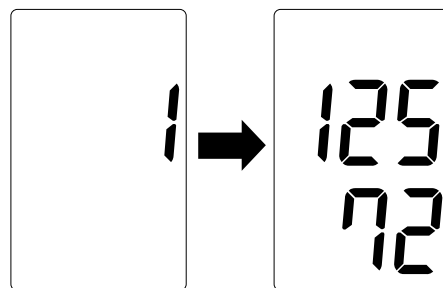
If the unit is left on after measurement, an "Automatic Power-OFF Function" turns the power off after approximately 3 minutes. To continue with another measurement press the "Power/Start" switch to turn the unit on.

Memory Recall

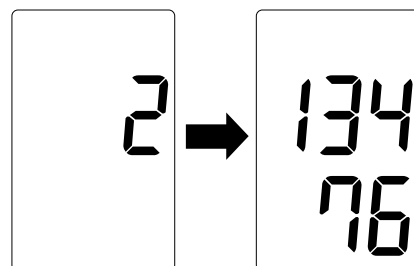
- You can recall stored data by pressing the “Memory Recall” switch at any time, EXCEPT while taking a measurement.
- Up to 7 sets of measurement results can be stored in memory. Memory cell No. 1 is always used to store the newest set of results.



- When pressing the “Memory Recall” switch, the memory cell number is displayed. The stored measurement results (systolic/diastolic blood pressure) are then displayed.

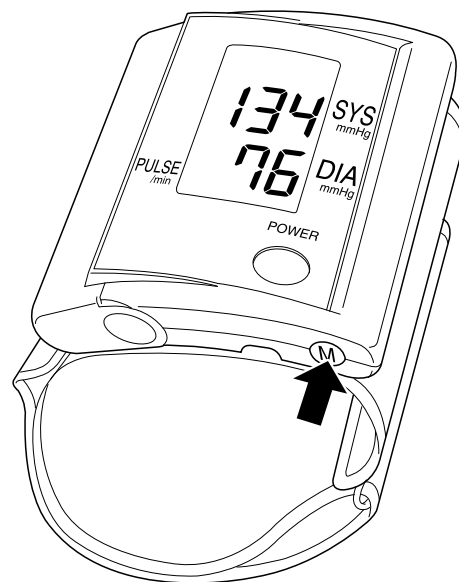


- If the “Memory Recall” switch is pressed again, the prior measurements are displayed in the order they were taken.





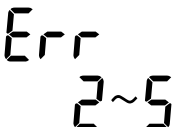
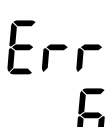



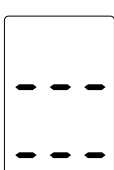
Memory Clear Function

While the memory data to be cleared is indicated and the “Memory recall” switch is pressed for 3 seconds, the buzzer will beep and the memory data is cleared.





Description of Display Marks

DISPLAY MARK	CONDITION/CAUSE	CORRECTIVE ACTION
--------------	-----------------	-------------------

	The cuff was inflated to more than 280 mmHg.	Exhaust the air from the cuff.
	Pressurization is not possible. The wrist cuff was not wrapped properly.	After rewinding the cuff, repeat measurement.
	Pulse could not be measured accurately.	After rewinding the cuff, conduct the measurement without moving.
	The arm moved during measurement.	Repeat the measurement without moving the arm.
	There is a problem with the unit.	Return to Lumiscope Service Department.
	Pulse could not be measured.	Repeat the measurement without moving the arm.
	Batteries are weak.	Replace the batteries.
	There is a problem with the device.	Return to Lumiscope service Department.

Specifications

Model No.		1092
Measuring Principle		Oscillometric Method
Measurement Localization		Left Wrist
Cuff		Soft Cuff
Wrist Circumference Range		5.4 to 7.8 in. (13.5 to 19.5cm)
Measurement Range	Pressure	0 to 280 mmHg
	Pulse	40 to 180 Pulses/min.
Accuracy	Pressure	±3 mmHg
	Pulse	±5% of reading
LCD Indication	Pressure Pulse Rate	Systolic blood pressure: 3 digits Diastolic blood pressure: 3 digits Pulse rate: 3 digits
	Marks	Measuring  Battery 
LCD	View Size	1.44(H) x .904(W)in (36(H) x 22.6(W)mm)
	Digit Size	.44(H) x .22(W)in (11(H) x 5.5(W)mm)
Switch		Power/Start switch, Memory recall switch
Inflation		Automatic Inflation by Internal Pump
Exhaust		Electromagnetic Valve
Rated Voltage		3 VDC
Power Source		2 "AAA" Size Batteries
Power Consumption		1.0W
Battery Life		Approx. 400 times (180mmHg, 1time/day, 22°C)
Automatic Power-Off		Approx. 3 min.
Memory Function		Seven Memories Function
Dimension		2.8(H) x 2.68(W) x 1.16(T)in (70(H) x 67(W) x 29(T)mm)
Weight		Approx. 3.5 oz. (100g)
Operating Environment	Temperature	50 to 104°F (10 to 40°C)
	Humidity	30 to 85%RH
Storage Environment	Temperature	-4 to 140°F (-20 to 60°C)
	Humidity	10 to 95%RH

CAUTION:

1. Measurement of blood pressure may not be possible for someone with a weak pulse or cardiac arrhythmia.
2. This product is not intended to be used in the diagnosis or treatment of disease.
3. If you have high blood pressure and/or other cardiovascular conditions or diseases, this device should be used in consultation with your doctor.
4. Consult your doctor if you have questions about your blood pressure or pulse.
5. Specifications are subject to change without notice due to improvements in performance.

Two Year Limited Warranty

The Lumiscope Company, Inc., guarantees this product free from defects in material and workmanship for a period of two years from the date of purchase, except as noted below:

This Lumiscope product warranty does not cover damage caused by misuse or abuse; the attachment of any unauthorized accessory; alteration to the product; or any other conditions whatsoever that are beyond the control of the Lumiscope Company, Inc. Lumiscope shall not be responsible for any type of incidental, consequential, or special damage. All implied warranties, including, but not limited to those implied warranties of fitness and merchantability, are limited in the total duration of two years from the original date of purchase.

To obtain warranty service on your Lumiscope Blood Pressure Meter either hand deliver or mail the entire unit and your dated sales receipt (as proof of purchase), postpaid, along with a certified check or money order in the amount of \$15.00 payable to The Lumiscope Company, Inc., to cover handling.

Upon receipt Lumiscope will repair or replace, as appropriate, Blood Pressure Meter, and return to you. Warranty is solely through Lumiscope Repair Department. Service of this product by anyone other than Lumiscope Repair Department voids warranty.

In the event that Lumiscope does not abide the terms of this warranty the consumer may seek breach of contract remedies in the New York State Federal courts of law. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.



The Lumiscope Company, Inc. Service Dept.
122 Tices Lane
East Brunswick, N.J. 08816
TEL. 732-254-3800
www.lumiscope.net